IBM WebSphere Commerce – Express Developer
Edition

IBM

Toolkit Update Guide for WebSphere Commerce – Express Developer

Version 5.5.0.2

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> **Note:**
>
> Before using this information and the product it supports, be sure to read the general information under "Notices" on page 11.

Contents

Preface

About this book

This document describes the steps required to update the IBM® WebSphere®
Commerce — Express Developer toolkit.

Conventions used in this book

This book uses the following highlighting conventions:

- **Boldface type** indicates commands or graphical user interface (GUI) controls
  such as names of fields, icons, or menu choices.
- `Monospace type` indicates examples of text you enter exactly as shown, file
  names, and directory paths and names.
- *Italic type* is used to emphasize words. Italics also indicate names for which you
  must substitute the appropriate values for your system.

Terminology used in this book

update_name
> The name of the update chosen by the user.

Path variables

WCDE_installdir
> This is the installation directory for WebSphere Commerce — Express
> Developer Edition. The default installation directory for WebSphere
> Commerce — Express Developer Edition is
> C:\WebSphere\CommerceDev55.

WCDE_workspacedir
> This is the directory for the WebSphere Commerce — Express Developer
> Edition workspace. The default workspace directory is
> C:\WebSphere\workspace_db2.

WSAD_installdir
> This is the installation directory for WebSphere Studio Application
> Developer. The default installation directory for WebSphere Studio
> Application Developer is C:\WebSphere\Studio5.

Chapter 1. Update steps

Before you update

Navigate to the *WCDE_workspacedir*\WebSphereTestEnvironment\
WebSphereCommerceServerConfiguration.wsc\cells\localhost\nodes\
localhost\servers\server1 directory. Back up the resource.xml file.

Updating the toolkit

1. Start WebSphere Studio Application Developer.
2. From the **Help** menu, select **Software Updates** —> **Update Manager**.
3. In the Feature Updates window, right-click **Sites to Visit** and select **New** —>
   Site Bookmark.
4. A New Site Bookmark window will open. In the **Name** field, type a name for
   the update. For example, 5502. For the rest of the steps, the variable
   update_name will be used to represent the name chosen. In the **URL** field, type:

   ```
   ftp://ftp.software.ibm.com/software/websphere/commerce/55/5502/studio/EXPRESS/site.xml
   ```

5. Click **Finish**. A new entry named *update_name* is created in the Feature
   Updates window.
6. Select *update_name* —> **WebSphere Commerce Express Developer V5.5 Fixes**
   —> **WebSphere Commerce Studio Fix Pack 5.5.0.2**.
7. In the Preview window click **Install** to begin the installation.
8. Click **Next** to confirm the feature you are about to install.
9. Accept the terms of the license agreement and click **Next** to continue.
10. Click **Finish** to begin the installation.
11. If a window opens with a warning: `You are about to install an unsigned`
    `feature,` click **Install**. The installer will begin downloading the update files.
    When the files have been downloaded the update wizard will start.

    Note: Once the update files have been downloaded to your machine you may
    run the update wizard at another time by navigating to the
    WSAD_installdir*Installer* directory and double clicking **updateWizard.bat**.

12. Select a language and then click **OK**.
13. Click **Next** to continue.
14. Under **Installation directory** type in your *WCDE_installdir*. Click **Next**.
15. Select **Install fix packs**. Click **Next**.
16. Click **Browse**. Navigate to the *WSAD_installdir*\Installer directory. Click once
    on the studio folder and then click **Open**. Click **Next**.
17. Select the fix pack to be installed. By default, it should already be selected.
    Click **Next** to continue.
18. Click **Next** to install the fix pack.
19. Ensure that the installer displays the message `The following fix pack was`
    `successfully installed`. If you do not get this message the installer will
    indicate the log files to check.
20. If you do not have any previously created instances or workspaces the
    installation is complete; click **Finish**. Otherwise, continue to step 21.
21. Repeat this step for each WebSphere Commerce instance you have configured
    on your system.

a. Navigate to the *WCDE_installdir*/Commerce/bin directory.

b. Run the following command

   `updatedb.bat` *dbname userId password instanceName dbtype dbhost*

   When you see any of the following names, substitute your required option or system value as described:

   - *dbname*: The name of the database to be updated.
   - *userId*: The user ID of the user who owns the database.
   - *password*: The password of the user.
   - *instanceName*: The name of a previously created WebSphere Commerce instance.
   - *dbtype*: Enter DB2.
   - *dbhost*: The host name of the machine where the database resides.

   Note: If you have previously created workspaces, then repeat steps 22 to 31 for each WebSphere Commerce — Express Developer Edition workspace you have configured on your system.

22. Navigate to the *WSAD_installdir*\Installer directory.
23. Double-click **updateWizard.bat** to start the installer.
24. Select a language and then click **OK**.
25. Click **Next** to continue
26. Under **Installation directory** type your *WCDE_workspacedir*. Click **Next**.
27. Select **Install fix packs**. Click **Next**.
28. Click **Browse**. Navigate to the *WSAD_installdir*\Installer directory. Click once on the workspace folder and then click **Open**. Click **Next**.
29. Select the fix pack to be installed. By default, it should already be selected. Click **Next** to continue.
30. Click **Next** to install the fix pack.
31. Ensure that the installer displays the message `The following fix pack was successfully installed`. If you do not get this message the installer will indicate the log files to check.
32. Click **Finish** to complete the installation.
33. Click **Yes** when prompted to restart the workbench.

Chapter 2. Post update steps

Updating the data source

If you have existing WebSphere Commerce instances created, the following steps must be completed in order to update the data source.

1. Start the WebSphere Studio Application Developer.
2. Switch to the Server perspective.
3. In the Server Configuration window, double-click **WebSphereCommerceServer**.
4. Click **Yes** to any windows that open.
5. In the WebSphereCommerceServer window, click the **Data source** tab.
6. In the the **JDBC provider list** box, click the JDBC driver that corresponds to the database you are using.
7. In the **Data source defined in the JDBC provider selected above** box, click the data source and then click **Edit**. A window labeled **Modify Data Source** will open.
8. In the the **Modify Data Source** window, for the fields **Name** and **JNDI name** fields, ensure you have the following in both fields:

   jdbc/WebSphere Commerce DB2 DataSource *instance_name*

   Ensure that fields **Database name**, **Default user ID** and **Default user password** are correct.
9. After making your changes click **Finish**.
10. Save the changes.

Updating the API

1. Close WebSphere Studio Application Developer.
2. Download the javadoc.zip file from the WebSphere Commerce Support Web site (http://www-1.ibm.com/support/docview.wss?uid=swg24005628) to a temporary directory.
3. Extract the contents of the javadoc.zip file into the *WSAD_installdir*\eclipse\plugins\com.ibm.commerce.api.doc directory replacing any existing files.

Chapter 3. Uninstalling the toolkit updates

1. Navigate to the directory *WSAD_installdir\Installer* and double click on **updateWizard.bat**.
2. Select a language and then click **OK**.
3. Click **Next** to continue.
4. Under **Installation directory** type in your *WCDE_installdir*. Click **Next**.
5. Select **Uninstall fix packs**. Click **Next**.
6. Select the fix pack to be uninstalled. By default, it should already be selected. Click **Next** to continue.
7. Click **Next** to uninstall the fix pack.
8. Ensure that the installer displays the message `The following pack was successfully uninstalled`. If you do not get this message the installer will indicate the log files to check.
9. If you do not have any previously created workspaces or have not applied the fix pack to any previously created workspaces the uninstall is complete; click **Finish** to complete the uninstallation.

   Note: If you have previously created workspaces then repeat steps 10 to 16 only for those WebSphere Commerce — Express Developer Edition workspaces that were updated at the time when the fix pack was applied to your system.
10. Click **Run Wizard Again**.
11. Click **Back**.
12. Under **Installation directory** type in your *WCDE_workspacedir*. Click **Next**.
13. Select **Uninstall fix packs**. Click **Next**.
14. Select the fix pack to be uninstalled. By default, it should already be selected. Click **Next** to continue.
15. Click **Next** to uninstall the fix pack.
16. Ensure that the installer displays the message `The following pack was successfully uninstalled`. If you do not get this message the installer will indicate the log files to check.
17. Click **Finish** to complete the uninstallation.

Chapter 4. Migration steps

Migrating customized extension code after applying the fix pack

When applying fix packs, we strongly recommend you that you first test your WebSphere Commerce application in the WebSphere Commerce Studio environment before deploying to the WebSphere Application Server environment, especially when you have made code extensions to the product. The following is a high level summary of the steps required to apply any fix pack.

Pre-install preparation

1. Download the required WebSphere Commerce fix pack and WebSphere Commerce Studio fix pack. It is important that the level of fixes are the same for both fix packs.
2. From your WebSphere Commerce Studio development environment, commit all of your code changes into your team code repository.
3. This step is optional but recommended. Back up the database and any WebSphere Commerce instance specific information and file assets in the WebSphere Application Server environment.

Installing the fix pack to WebSphere Commerce Studio development environment

1. Follow the WebSphere Commerce Studio fix pack install instructions to apply the fix pack to your WebSphere Commerce Studio development environment.
2. Compare the projects that you have made extensions with your team code repository and merge your changes back into the workspace.
3. Rebuild your application.
4. Test your application in the WebSphere test environment.

Deploying your WebSphere Commerce application components to WebSphere Application Server environment

1. Follow the WebSphere Commerce fix pack installation instructions to apply the fix pack to your WebSphere Commerce application running in the WebSphere Application Server environment.
2. Using the instructions in Chapter 9 of the *IBM WebSphere Commerce Programming Guide and Tutorials Version 5.5*, redeploy your customized WebSphere Commerce application modules to the WebSphere Application Server environment.

Chapter 5. Technotes

The following technote provides a link to all technotes related to WebSphere Commerce — Express Developer Edition. Technotes can be found by using the technote number to search the IBM Web site (www.ibm.com).

Table 1. IBM WebSphere Commerce — Express Developer Edition Fix Pack Technotes

Title	Number	Description
WebSphere Commerce — Express Developer Edition 5.5.0.2 master technote	1140262	A single technote that contains links to all technotes related to WebSphere Commerce — Express Developer Edition. Technotes addressed by this fix pack, and any new technotes, will be included in this master technote.

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